

CLAIMS:

1. A display device comprising a light source for generating light,
a light guide for transporting the generated light,
a plate which extends parallel in a mutually spaced relationship with the light
guide;

5 a moveable element between the light guide and the plate;
selection means for locally bringing said moveable element into contact with
the light guide for coupling light out of the light guide;

characterized in that the display device comprises collimating means for
collimating the generated light between the light source and the light guide.

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2. A device as claimed in claim 1, characterized in that the collimating means
comprises a wedge-shaped bar provided with a first surface directed to the light source and a
second surface optically coupled with the light guide and being parallel to the first surface,
the area of the first surface being smaller than the area of the second surface.

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3. A device as claimed in claim 1, characterized in that the collimating means
comprises an optically transparent plate, wherein a surface of the optically transparent plate is
provided with a structure for enhancing the on-axis brightness.

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4. A device as claimed in claim 3, characterized in that the surface is provided
with multiple linear prisms.

5. A device as claimed in claim 4, characterized in that the linear prisms are
identical to each other.

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6. A device as claimed in claim 4, characterized in that the prisms are disposed in
pairs, each pair having first and second prisms and each prism having a prism angle and a
prism valley, wherein either the prism angles or the valley angles, but not both, are equal.

7. A device as claimed in claim 6, characterized in that the prisms are directed to the light guide.

8. A device as claimed in claim 1, characterized in that the selection means
5 comprises row and column electrodes.

9. A device as claimed in claim 1, characterized in that the device comprises means for applying voltages to the row and column electrodes in dependence on a previously applied voltage or voltages on the row and column electrodes.